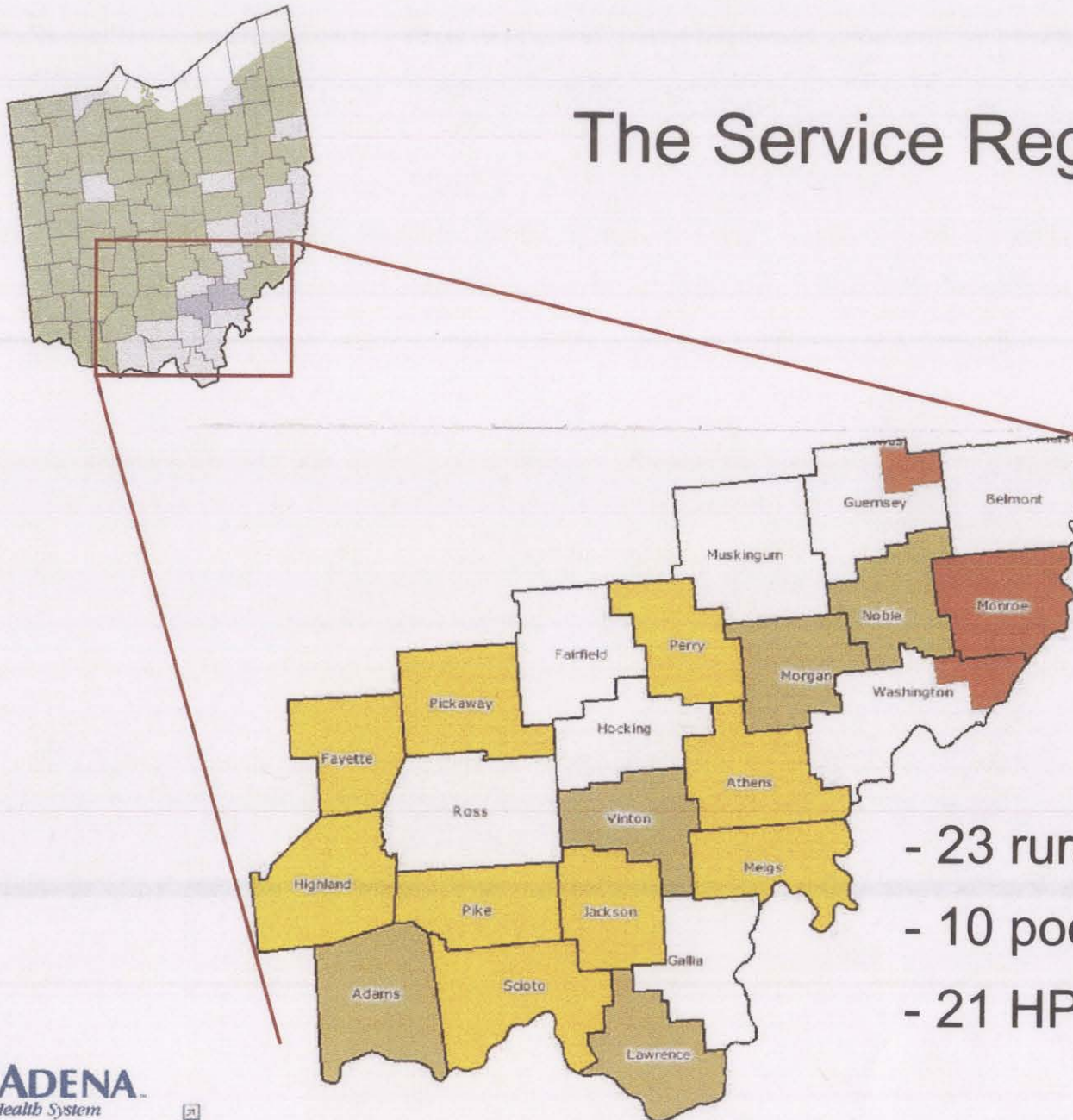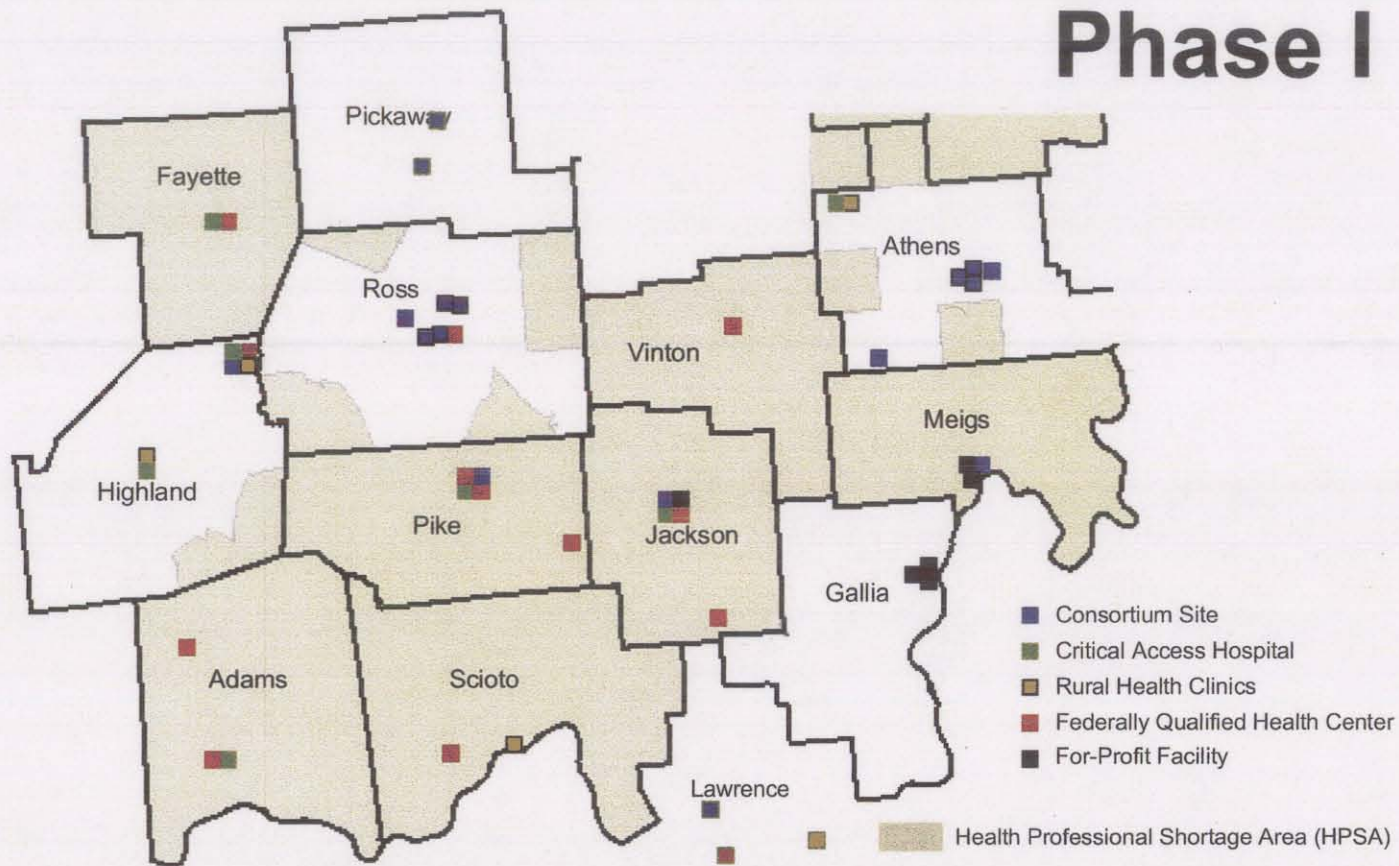# The Service Region

- 23 rural counties.
- 10 poorest in Ohio.
- 21 HPSAs
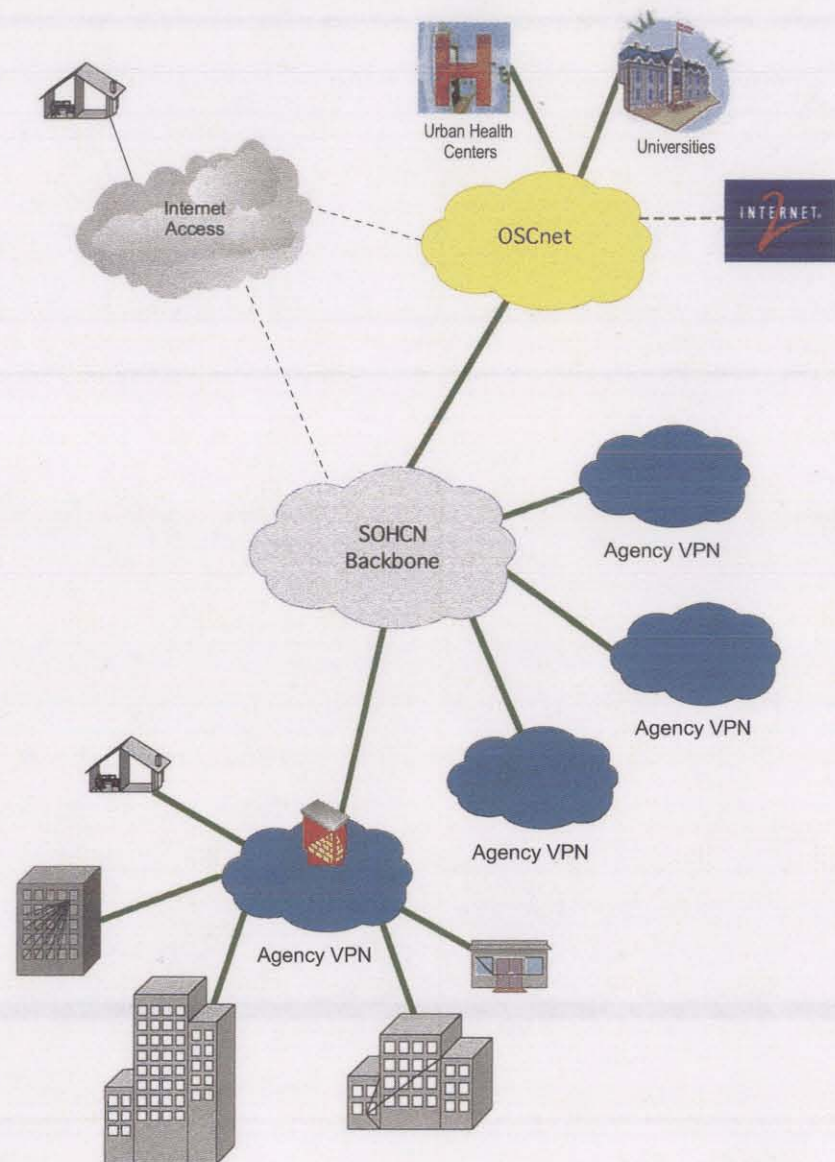
Phase I

Legend:
- Consortium Site
- Critical Access Hospital
- Rural Health Clinics
- Federally Qualified Health Center
- For-Profit Facility
- Health Professional Shortage Area (HPSA)

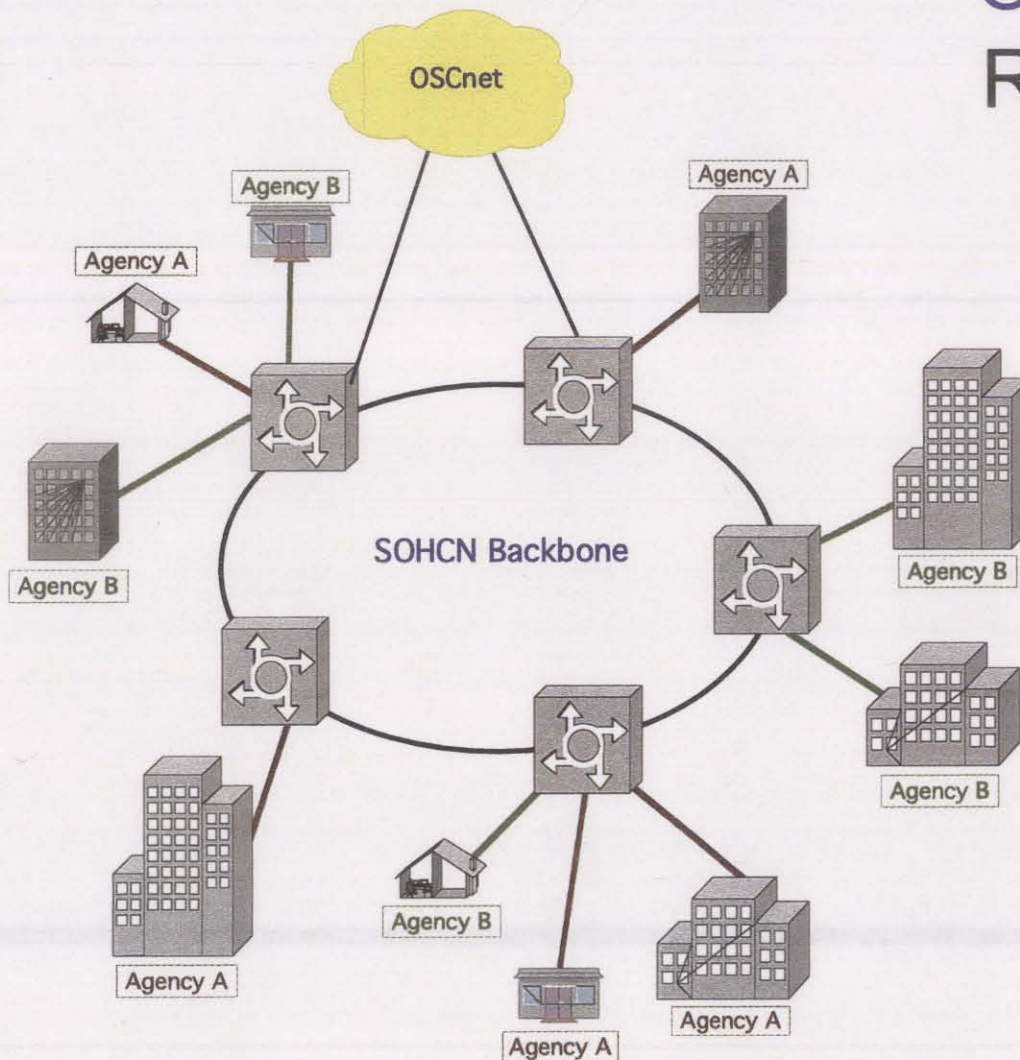Counties shown: Fayette, Pickaway, Ross, Athens, Vinton, Meigs, Highland, Pike, Jackson, Gallia, Adams, Scioto, Lawrence

- 13 Counties
- 8 Critical Access Hospitals
- 13 Federally Qualified Health Centers
- 6 Rural Health Clinics

ADENA Health System

HOLZER HEALTH SYSTEMS

O'BLENESS HEALTH SYSTEM

Open Architecture
One Connection

- Supports secure intra-agency traffic.

- "Any-to-any" connectivity:
  - Within the SOHCN
  - To OSCnet

- Performance for HD telemedicine.

- Internet access options.

Urban Health Centers

Universities

Internet Access

OSCnet

INTERNET2

SOHCN Backbone

Agency VPN

Agency VPN

Agency VPN

Agency VPN

ADENA Health System

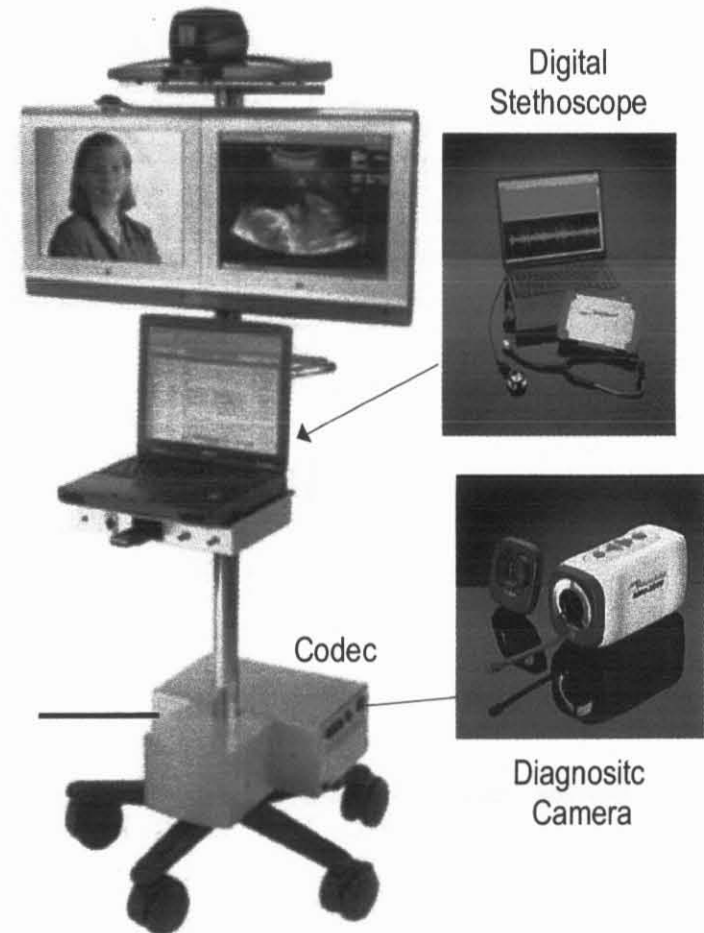HOLZER HEALTH SYSTEMS

O'BLENESS HEALTH SYSTEM

Open Architecture
Robust Backbone

- Fiber optic ring(s) for reliability.

- High speed backbone.

- Capacity to spare for other needs.

- Delivers metropolitan class service to Southern Ohio.

Completing the SOHCN Vision

- Telemedicine equipment.

- Facility network upgrades.

- Expanded community broadband.

- Distance education and collaboration software.

- Funding for SOHCN Phase II.

- Pervasive access to services.

Digital Stethoscope

Codec

Diagnositc Camera

ADENA. Health System

HOLZER HEALTH SYSTEMS

O'BLENESS HEALTH SYSTEM

Timeline

- Phase I Counties
  - Field Work: Q1 and Q2-2008
  - RFP: Q4-2008
  - Evaluate: Q4-2008
  - Award: Q1-2009
  - Implement: Q2-2009 to Q4-2009

- Phase II Counties
  - Field Work: Q4-2008 and Q1-2009
  - RFP: Q2-2009
  - Evaluate: Q3-2009
  - Award: Q4-2009
  - Implement: Q1-2010 to Q3-2010

Note: Release of first RFP contingent on FCC approval of requested merger.

ADENA
Health System

HOLZER
HEALTH SYSTEMS

O'BLENESS
HEALTH SYSTEM

Project Phases

- Phase I Counties
  - Adams
  - Athens
  - Fayette
  - Gallia
  - Highland
  - Jackson
  - Lawrence
  - Meigs
  - Pickaway
  - Pike
  - Ross
  - Scioto
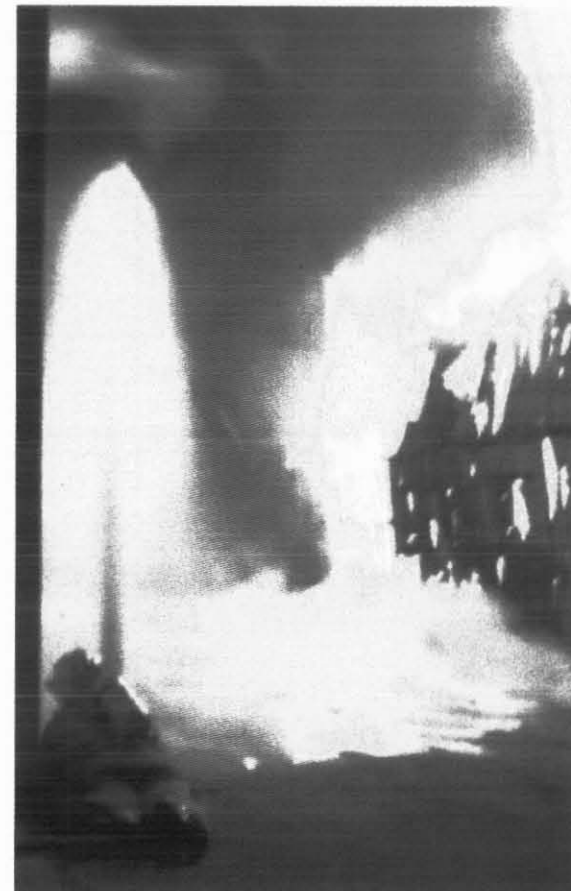 - Vinton

- Phase II Counties
  - Belmont
  - Fairfield
  - Guernsey
  - Hocking
  - Monroe
  - Morgan
  - Muskingum
  - Noble
  - Perry
  - Washington

Requires 2nd round of FCC funding or other sources

Note: Counties in blue were added after the FCC award.

ADENA Health System

HOLZER HEALTH SYSTEMS

O'BLENESS HEALTH SYSTEM

Urgent Agenda

- Rural economies challenged more than ever.

- Complete the SOHCN vision.

- Systematically expand broadband in ALL communities in the region.

- Create Community Technology Centers.

- Sustain funding for initiatives.

Pervasive Access • Partnerships • Open Architecture

ADENA *Health System*

HOLZER HEALTH SYSTEMS

O'BLENESS HEALTH SYSTEM

Questions?

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